



BUREAU OF INDIAN STANDARDS

Program of Work

CHD 17 : Leather , Tanning Materials And Allied Products

Scope: Standardization in the field of: raw hides and skins including pickled pelts; tanned hides and skins and finished leather; leather products (including methods of test for leather products).
Excluded: methods of test in the field of raw hides and skins, including pickled pelts, tanned hides and skins and finished leather, which is the field of the IULTCS (see Note); footwear, which is the field of work of ISO / TC 216; protective clothing and equipment, which is the field of work of ISO / TC 94. Note: The International Union of Leather Technologists and Chemists Societies (IULTCS) is the international standardizing body responsible for the development of International Standards defining methods of test for leather other than made-up articles.

Liaison: **ISO TC-120 (Secretariat): Leather ISO TC-120 SC-1 (Secretariat): Raw hides and skins, including pickled pelts ISO TC-120 SC-2 (Secretariat): Tanned leather ISO TC-120 SC-3 (Secretariat): Leather products ISO TC-IULTCS (O): International Union of Leather Technologists and Chemists Societies ISO TC-120 SC-1 (Convenorship): Sheep skins ISO TC-120 SC-3 (Convenorship): Performance guidelines of leather portfolios, wallets and bags/handbags**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1015 : 2000 Reviewed In : 2019 Reaffirmed but not taken up for revision	Leather pump buckets and seat valves made from vegetable tanned leather - Specification (Second Revision)	August, 2019	1	Indigenous
2	IS 1017 : 1983 Reviewed In : 2019	Specification for chamois leather (Second Revision)	August, 2019	1	Indigenous
3	IS 10285 : 2024	TANNIN BEARING PLANTS " GUIDELINES (First revision)		-	Indigenous
4	IS 10286 : 2013 Reviewed In : 2019	BLEACHING SYNTANS " SPECIFICATION	August, 2019	-	Indigenous
5	IS 10845 : 1984 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for bag, pilot	August, 2019	-	Indigenous
6	IS 11230 : 2023	LEATHER FOR UTILITY GLOVES SPECIFICATION First Revision		-	Indigenous
7	IS 11749 : 1986 Reviewed In : 2019	Specification for manually operated toggle clips for leather	August, 2019	-	Indigenous

	Reaffirmed but not taken up for revision	industry			
8	IS 11944 : 1987 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for wallet, leather	August, 2019	-	Indigenous
9	IS 11987 : 2013 Reviewed In : 2019	Wax - Emulsion for leather finishing - Specification (First Revision)	August, 2019	-	Indigenous
10	IS 12435 : 1988 Reviewed In : 2020	Guidelines for grading of hides and skins on the basis of mass and size	December, 2020	-	Indigenous
11	IS 12607 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Measurement of hides and skin in the wet blue condition - Guidelines	August, 2019	-	Indigenous
12	IS 12623 : 2022 ISO 5433 : 2013	Leather Bovine Wet Blue - Specification First Revision		-	Modified/Technically Equivalent
13	IS 12659 : 1989 Reviewed In : 2019	Leather - Measurement of thickness of surface coating on leather - Method of test	August, 2019	-	Indigenous
14	IS 12671 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Hides and skins, fresh or cured - Glossary of defects	August, 2019	1	Indigenous
15	IS 12718 : 1989 Reviewed In : 2019	Leather for garments - Performance requirements	August, 2019	-	Indigenous
16	IS 1273 : 1989 Reviewed In : 2022	Leather pump buckets made from chrome tanned leather - Specification (First Revision)	October, 2022	1	Indigenous
17	IS 1273 : 2024	Leather Pump Buckets Made from Chrome Tanned Leather â€” Specification (Second Revision)		-	Indigenous
18	IS 13022 : 1991 Reviewed In : 2019 Reaffirmed but not taken up for revision	Enzyme bates (Alkaline) - specification	August, 2019	-	Indigenous
19	IS 13023 : 1991 Reviewed In : 2019 Reaffirmed but not taken up for revision	Enzyme bates (Acidic) - Specification	August, 2019	-	Indigenous
20	IS 13024 : 2013 Reviewed In : 2019	Syntans for prevention of sludge formation in vegetable tan liquor - Specification (First Revision)	August, 2019	-	Indigenous
21	IS 13271 : 2013 Reviewed In : 2019	Phenolic syntans - Methods of test (First Revision)	August, 2019	-	Indigenous
22	IS 13307 : 1992 Reviewed In : 2019	Resin finished shoe uppers from goat and sheep skins - Specification	August, 2019	-	Indigenous
23	IS 13527 : 2013 Reviewed In : 2019	Replacement syntans - Specification (First Revision)	August, 2019	-	Indigenous
24	IS 13528 : 2013 Reviewed In : 2019	Pretanning syntans - Specification (First Revision)	August, 2019	1	Indigenous
25	IS 13606 : 2013	Synthetic sulphochlorinated	August, 2019	1	Indigenous

	Reviewed In : 2019	fatliquors for leather processing - Specification (First Revision)			
26	IS 13625 : 2013 Reviewed In : 2019	Retanning syntans including acrylic and related syntans - Specification (First Revision)	August, 2019	-	Indigenous
27	IS 14360 : 2012 Reviewed In : 2022	Semichrome suede upper leather - Specification (First Revision)	December, 2022	-	Indigenous
28	IS 14361 : 2011 Reviewed In : 2022	Patent leather - Specification (First Revision)	December, 2022	-	Indigenous
29	IS 14487 : 1997 Reviewed In : 2024	Measurement of area of leather â€” guideline	August, 2024	-	Indigenous
30	IS 14488 : 2013 Reviewed In : 2019	Sulphited fatliquors for leather - Specification (First Revision)	August, 2019	-	Indigenous
31	IS 14575 : 2024 ISO 17070:2015 ISO 17070:2015	Leather â€” Chemical Tests â€” Determination of Tetrachlorophenol-, Trichlorophenol-, Dichlorophenol-, Monochlorophenol- Isomers and Pentachlorophenol Content (First Revision)		-	Identical under dual numbering
32	IS 14583 : 1998 Reviewed In : 2020	Suede lining leather - Specification	December, 2020	-	Indigenous
33	IS 14816 : 2000 Reviewed In : 2022	Leather - Method of tests for ECO criteria	December, 2022	-	Indigenous
34	IS 14898 : 2001 Reviewed In : 2020	Eco criteria for finished leather - Specification	December, 2020	-	Indigenous
35	IS 14969 : 2001 Reviewed In : 2022	Leather - Upper leather made from splits - Method of identification	January, 2022	-	Indigenous
36	IS 14970 : 2001 Reviewed In : 2022 ISO 3379 : 1976	Leather - Lastometer grain crack test - Methods of test	December, 2022	-	Modified/Technically Equivalent
37	IS 15776 : 2008 Reviewed In : 2019	Polyurethane (Pu) coated leather - Specification	August, 2019	-	Indigenous
38	IS 15779 : 2007 Reviewed In : 2022	Metal complex syntans - Specification	December, 2022	1	Indigenous
39	IS 16256 : 2022 ISO 4044:2017 ISO 4044:2017	LEATHER CHEMICAL TESTS PREPARATION OF CHEMICAL TEST SAMPLES		-	Identical under dual numbering
40	IS 16257 : 2014 ISO 23910 : 2007 Reviewed In : 2019 ISO 23910 : 2007	Leather - Physical and mechanical tests - Measurement of stitch tear resistance	August, 2019	-	Identical under dual numbering
41	IS 16259 : 2014 ISO 17075 : 2007 Reviewed In : 2019 ISO 17075 : 2007	Leather - Chemical tests - Determination of chromium (VI) content	August, 2019	-	Identical under dual numbering
42	IS 16296 (Part 2) : 2014 ISO 5398-2 : 2009 Reviewed In : 2019 ISO 5398-2 : 2009	Leather - Chemical determination of chromic oxide content: Part 2 quantification by colorimetric determination	August, 2019	-	Identical under dual numbering
43	IS 16297 (Part 1) : 2014 ISO 17226-1 : 2008 Reviewed In : 2019 ISO 17226-1 : 2008	Leather - Chemical determination of formaldehyde content: Part 1 method using high performance liquid chromatography	August, 2019	-	Identical under dual numbering
44	IS 16297 (Part 2) : 2022 ISO 17726-2: 2018	Leather Chemical Determination of Formaldehyde Content Part 2 Method Using Colorimetric		-	Identical under dual numbering

	ISO 17726-2: 2018	Analysis First Revision			
45	IS 16297 (Part 3) : 2018 ISO 17226-3 : 2011 Reviewed In : 2023 ISO 17226-3 : 2011	Leather " Chemical Determination of Formaldehyde Content Part 3 Determination of Formaldehyde Emissions from Leather	June, 2023	-	Identical under dual numbering
46	IS 1637 : 2023	CYCLE SADDLE LEATHER - SPECIFICATION Second Revision		-	Indigenous
47	IS 1639 : 1960 Reviewed In : 2019	Specification for east india tanned kips and skins	August, 2019	1	Indigenous
48	IS 1640 : 2007 Reviewed In : 2022	Glossary of terms relating to hides, skins and leather (First Revision)	October, 2022	-	Indigenous
49	IS 16650 : 2018 ISO 27587 : 2009 Reviewed In : 2023 ISO 27587 : 2009	Leather - Chemical tests - Determination of the free formaldehyde in process auxiliaries	March, 2023	-	Identical under dual numbering
50	IS 1691 (Part 3) : 2018 ISO 15702 : 1998 Reviewed In : 2023 ISO 15702 : 1998	Methods of Micro-Biological, Colour Fastness and Microscopical Tests for Leather Part 3 Colour Fastness to Machine Washing (First Revision)	March, 2023	-	Identical under dual numbering
51	IS 18304 : 2023 ISO 20136:2020 ISO 20136:2020	LEATHER DETERMINATION OF DEGRADABILITY BY MICRO-ORGANISMS		-	Identical under dual numbering
52	IS 18763 : 2024	DETERMINATION OF SHRINKAGE TEMPERATURE OF LEATHER (OVER 100 i;½C)		-	Indigenous
53	IS 2573 : 2023	LEATHER GAUNTLETS AND MITTENS SPECIFICATION		-	Indigenous
54	IS 2716 : 2013 Reviewed In : 2019	Myrobalan extract - Specification (Second Revision)	August, 2019	-	Indigenous
55	IS/ISO 2822-1 : 1998 ISo 2822-1: 1998 Reviewed In : 2022 ISO 2822-1 : 1998	Raw cattle hides and calf skins: Part 1 descriptions of defects	October, 2022	-	Identical under single numbering
56	IS 2954 : 1978 Reviewed In : 2022	Specification for vegetable tanned leather for belting (First Revision)	December, 2022	-	Indigenous
57	IS 2960 : 1964 Reviewed In : 2022	Specification for bookbinding leather	October, 2022	2	Indigenous
58	IS 2961 : 1973 Reviewed In : 2019	Specification for chrome retan finished upper leather (First Revision)	August, 2019	1	Indigenous
59	IS 3020 : 1976 Reviewed In : 2019	Spcification for leather for oil seals (First Revision)	August, 2019	1	Indigenous
60	IS 3031 : 2023	LEATHER CASH BAGS SPECIFICATION		-	Indigenous
61	IS 3840 : 2011 Reviewed In : 2022	Lining leather - Specification (Third Revision)	December, 2022	1	Indigenous
62	IS 3946 : 1966 Reviewed In : 2019	Specification for leather for leg guard	August, 2019	-	Indigenous
63	IS 3946 : 2024	Leather for Leg Guard " Specification (First Revision)		-	Indigenous
64	IS 3967 : 2013 Reviewed In : 2019	Cutch - Specification (Second Revision)	August, 2019	-	Indigenous
65	IS 3968 : 2013 Reviewed In : 2019	Wattle bark - Specification (First Revision)	August, 2019	-	Indigenous
66	IS 3969 : 2013	Goran bark - Specification (Second	August, 2019	-	Indigenous

	Reviewed In : 2019	Revision)			
67	IS 3982 : 1997 Reviewed In : 2019	Sheepskin leather for orthopaedic linings - Specification (First Revision)	August, 2019	-	Indigenous
68	IS 3983 : 2024	GOATSKIN PARCHMENT FOR ORTHOPAEDIC PURPOSES SPECIFICATION		-	Indigenous
69	IS 3985 : 1983 Reviewed In : 2022	Specification for leather for rugby ball (First Revision)	December, 2022	1	Indigenous
70	IS 3999 : 2015 Reviewed In : 2020	Casein based aqueous pigments and finishes - Specification (First Revision)	December, 2020	-	Indigenous
71	IS 4054 : 1966 Reviewed In : 2020	Specification for neatsfoot oil	March, 2020	1	Indigenous
72	IS 4056 : 1966 Reviewed In : 2020	Specification for fish oil for leather industry	March, 2020	-	Indigenous
73	IS 4102 : 1983 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for leather for shuttlecock caps (First Revision)	August, 2019	-	Indigenous
74	IS 4191 : 1967 Reviewed In : 2019	Specification for leather for volleyball	August, 2019	1	Indigenous
75	IS 4207 : 1967 Reviewed In : 2019	Specification for leather for football	August, 2019	1	Indigenous
76	IS 4553 : 1983 Reviewed In : 2022	Specification for leather for cricket ball (First Revision)	October, 2022	1	Indigenous
77	IS/ISO 4683-1 : 1998 ISO 4683-1: 1998 Reviewed In : 2022 ISO 4683-1 : 1998	Raw sheep skins: Part 1 descriptions of defects	October, 2022	-	Identical under single numbering
78	IS/ISO 4683-2 : 1999 ISO 4683-2: 1999 Reviewed In : 2022 ISO 4683-2 : 1999	Raw sheep skins: Part 2 designation and presentation	October, 2022	-	Identical under single numbering
79	IS 5024 : 2024	Buffalo-Butt Leather for Knee Bushings " Specification (First Revision)		-	Indigenous
80	IS 5024 : 1968 Reviewed In : 2019	Specification for buffalo - Butt leather for knee bushings	August, 2019	-	Indigenous
81	IS 5034 : 2024 ISO 5431 : 2022 ISO 5431 : 2022	Leather $i_{\frac{1}{2}}$ Wet Blue Goat Skin $i_{\frac{1}{2}}$ Specification (Third Revision)		-	Identical under dual numbering
82	IS 5034 : 2022 ISO 5431 : 2022	Leather Wet Blue Goat Skin - Specification		-	Identical under dual numbering
83	IS 5127 : 2013 Reviewed In : 2019	Babul bark - Specification (First Revision)	August, 2019	-	Indigenous
84	IS 5128 : 2013 Reviewed In : 2019	Avaram bark - Specification (First Revision)	August, 2019	-	Indigenous
85	IS/ISO 5432 : 2024 ISO 5432 : 2022 ISO 5432 : 2022	Leather " Wet Blue Sheep Skins " Specification (Second Revision)		-	Identical under dual numbering
86	IS/ISO 5432 : 2013 ISO 5432 ISO 5432 : 2022	Leather Wet blue sheep skins Specification		-	Identical under dual numbering
87	IS 5465 : 2013 Reviewed In : 2019	Sonali bark - Specification (First Revision)	August, 2019	-	Indigenous

88	IS 5466 : 2013 Reviewed In : 2019	Vegetable tanning materials - Methods of test (First Revision)	August, 2019	-	Indigenous
89	IS 5570 : 1987 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for pickled goat skins (First Revision)	August, 2019	-	Indigenous
90	IS 5597 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for leather for boxing gloves	August, 2019	-	Indigenous
91	IS 5609 : 1983 Reviewed In : 2022	Specification for leather for hockey ball (First Revision)	December, 2022	-	Indigenous
92	IS 5677 : 1986 Reviewed In : 2019	Specification for shoe upper leather for direct moulding processes (First Revision)	August, 2019	2	Indigenous
93	IS 5712 : 2023	Slickers for Leather Industry - Specification		-	Indigenous
94	IS 575 : 2024	Chrome Belt Lace Leather "â€” Specification (First Revision)		-	Indigenous
95	IS 576 : 1989 Reviewed In : 2022	Leather - glazed kid for shoe uppers - specification (Second Revision)	October, 2022	1	Indigenous
96	IS 577 : 1986 Reviewed In : 2019	Specification for upholstery leather (First Revision)	August, 2019	-	Indigenous
97	IS 578 : 2023 ISO20942:2019 ISO20942:2019	LEATHER FULL CHROME UPPER LEATHER SPECIFICATION AND TEST METHOD (Fourth Revision)		-	Identical under dual numbering
98	IS 579 : 2017 Reviewed In : 2022	Vegetable tanned sole leather - Specification (Fourth Revision)	April, 2022	-	Indigenous
99	IS 580 : 1973 Reviewed In : 2019	Specification for harness leather (Second Revision)	August, 2019	2	Indigenous
100	IS 581 : 1976 Reviewed In : 2019	Specification for vegetable tanned hydraulic leather (Second Revision)	August, 2019	-	Indigenous
101	IS 582 : 1970 Reviewed In : 2019	Methods of chemical testing of leather (First Revision)	August, 2019	1	Indigenous
102	IS 582 (Part 1) : 2017 ISO 4684 : 2005 Reviewed In : 2022 ISO 4684: 2005	Methods of chemical testing of leather: Part 1 determination of volatile matter (Second Revision)	October, 2022	-	Identical under dual numbering
103	IS 582 (Part 2) : 2024 ISO 4098 : 2018 ISO 4098 : 2018	Methods of Chemical Testing of Leather Part 2 Determination of Water-Soluble Matter, Water- Soluble Inorganic Matter and Water-Soluble Organic Matter (First Revision)		-	Identical under dual numbering
104	IS 582 (Part 3) : 2017 ISO 4047 : 1977 Reviewed In : 2023 ISO 4047:1977	Methods of chemical testing of leather: Part 3 determination of sulphated total ash and sulphated water - Insoluble ash (Second Revision)	March, 2023	-	Identical under dual numbering
105	IS 582 (Part 4) : 2022 ISO 19070 : 2016	METHODS OF CHEMICAL TESTING OF LEATHER Part 4 N- methyl-2-pyrrolidone NMP in		-	Identical under dual numbering

	ISO 19070 : 2016	leather			
106	IS 582 (Part 5/Sec 1) : 2024 ISO 17234-1 : 2020 ISO 17234-1 : 2020	Methods of Chemical Testing of Leather Part 5 Determination of Certain Azo Colorants in Dyed Leathers Section 1 Determination of Certain Aromatic Amines Derived from Azo Colorants (First Revision)		-	Identical under dual numbering
107	IS 582 (Part 5/Sec 2) : 2018 ISO 17234-2 : 2011 Reviewed In : 2023 ISO 17234-2 : 2011	METHODS OF CHEMICAL TESTING OF LEATHER PART 5 DETERMINATION OF CERTAIN AZO COLORANTS IN DYED LEATHERS SECTION 2 DETERMINATION OF 4-AMINOAZOBENZENE	July, 2023	-	Identical under dual numbering
108	IS 582 (Part 6/Sec 1) : 2024 ISO 17072-1 : 2019 ISO 17072-1 : 2019	METHODS OF CHEMICAL TESTING OF LEATHER: PART 6 DETERMINATION OF METAL CONTENT SECTION 1 EXTRACTABLE METALS (First Revision)		-	Identical under dual numbering
109	IS 582 (Part 6/Sec 2) : 2024 ISO 17072-2 : 2022 ISO 17072-2 : 2022	METHODS OF CHEMICAL TESTING OF LEATHER: PART 6 DETERMINATION OF METAL CONTENT SECTION 2 TOTAL METAL CONTENT (First Revision)		-	Identical under dual numbering
110	IS 582 (Part 7) : 2024 ISO 14088 : 2020 ISO 14088 : 2020	METHODS OF CHEMICAL TESTING OF LEATHER: PART 7 QUANTITATIVE ANALYSIS OF TANNING AGENTS BY FILTER METHOD (First Revision)		-	Identical under dual numbering
111	IS 582 (Part 8/Sec 1) : 2024 ISO 13365-1:2020 ISO 13365-1:2020	METHODS OF CHEMICAL TESTING OF LEATHER: PART 8 DETERMINATION OF THE PRESERVATIVE TCMTB PCMC OPP OIT CONTENT IN LEATHER BY LIQUID CHROMATOGRAPHY SECTION 1 ACETONITRILE EXTRACTION METHOD (first Revision)		-	Identical under dual numbering
112	IS 582 (Part 8/Sec 2) : 2024 ISO 13365-2 : 2020 ISO 13365-2 : 2020	METHOD OF CHEMICAL TESTING OF LEATHER: PART 8 DETERMINATION OF THE PRESERVATIVE TCMTB PCMC OPP OIT CONTENT IN LEATHER BY LIQUID CHROMATOGRAPHY SECTION 2 ARTIFICIAL PERSPIRATION EXTRACTION METHOD		-	Identical under dual numbering
113	IS 582 (Part 9) : 2022 ISO 4045 : 2018 ISO 4045 : 2018	METHODS OF CHEMICAL TESTING OF LEATHER Part 9 Determination of pH and difference figure		-	Identical under dual numbering
114	IS 582 (Part 10/Sec 1) : 2022	METHODS OF CHEMICAL TESTING OF LEATHER Part 10		-	Identical under dual numbering

	ISO 5398-1 : 2018 ISO 5398-1 : 2018	Determination of chromic oxide content Section 1 Quantification by titration			
115	IS 582 (Part 10/Sec 3) : 2022 ISO 5398-3 : 2018 ISO 5398-3 : 2018	METHODS OF CHEMICAL TESTING OF LEATHER Part 10 Determination of chromic oxide content Section 3 Quantification by atomic absorption spectrometry		-	Identical under dual numbering
116	IS 582 (Part 10/Sec 4) : 2022 ISO 5398-4 : 2018 ISO 5398-4 : 2018	METHODS OF CHEMICAL TESTING OF LEATHER Part 10 Determination of chromic oxide content Section 4 Quantification by inductively coupled plasma ICP		-	Identical under dual numbering
117	IS 582 (Part 11/Sec 1) : 2022 ISO 17075-1 ISO 17075-1 : 2017	METHODS OF CHEMICAL TESTING OF LEATHER Part 11 Determination of chromium(VI) content in leather Section 1: Colorimetric method		-	Identical under dual numbering
118	IS 582 (Part 11/Sec 2) : 2022 ISO 17075-2 ISO 17075-2 : 2017	METHODS OF CHEMICAL TESTING OF LEATHER Part 11 Determination of chromiumVI content in leather Section 2 : Chromatographic method		-	Identical under dual numbering
119	IS 582 (Part 12) : 2022 ISO 5397:1984 ISO 5397:1984	METHODS OF CHEMICAL TESTING OF LEATHER Part 12 Determination of nitrogen content and hide substance Titrimetric method		-	Identical under dual numbering
120	IS 582 (Part 13) : 2022 ISO 5400:1984 ISO 5400:1984	METHODS OF CHEMICAL TESTING OF LEATHER Part 13 Determination of total silicon content Reduced molybdosilicate spectrometric method		-	Identical under dual numbering
121	IS 582 (Part 14) : 2022 ISO 4048:2018 ISO 4048:2018	METHODS OF CHEMICAL TESTING OF LEATHER Part 14 DETERMINATION OF MATTER SOLUBLE IN DICHLOROMETHANE AND FREE FATTY ACID CONTENT		-	Identical under dual numbering
122	IS 582 (Part 15/Sec 1) : 2024 ISO 18218-1:2023 ISO 18218-1:2023	Methods of Chemical Testing of Leather Part 15 Determination of Ethoxylated Alkylphenols (APEO) Section 1 Direct Method		-	Identical under dual numbering
123	IS 5866 : 1979 Reviewed In : 2019	Specification for chrome leather for high altitude gloves (First Revision)	August, 2019	1	Indigenous
124	IS 5867 : 1970 Reviewed In : 2024	Specification for leatherboards or insole	July, 2024	1	Indigenous
125	IS 5868 : 1983 Reviewed In : 2019	Method of sampling for leather (First Revision)	August, 2019	-	Indigenous
126	IS 5914 : 1970 Reviewed In : 2019	Methods of physical testing of leather	August, 2019	1	Indigenous
127	IS 5914 (Part 1) : 2018 ISO 17229 : 2002 Reviewed In : 2023 ISO 17229 :2002	Methods of Physical Testing of Leather Part 1 Determination of Water Vapour Absorption	March, 2023	-	Identical under dual numbering
128	IS 5914 (Part 2/Sec 1) : 2022	Methods of Physical Testing of Leather Part 2 Determination of		-	Identical under dual numbering

	ISO 17076-1: 2020 ISO 17076-1: 2020	Abrasion Resistance Section 1 Taber Method			
129	IS 5914 (Part 2/Sec 2) : 2017 ISO 17076-2 : 2011 Reviewed In : 2023 ISO 17076-2 : 2011	Methods of Physical Testing of Leather Part 2 Determination of Abrasion Resistance Section 2 Martindale Ball Plate Method	March, 2023	-	Identical under dual numbering
130	IS 5914 (Part 3/Sec 1) : 2022 ISO 26082-1: 2019 ISO 26082-1: 2019	Methods of Physical Testing of Leather Part 3 Determination of Soiling Section 1 Rubbing Martindale Method First Revision		-	Identical under dual numbering
131	IS 5914 (Part 3/Sec 1) : 2022 ISO 26082-1: 2019 ISO 26082-1: 2019	Methods of Physical Testing of Leather Part 3 Determination of Soiling Section 1 Rubbing Martindale Method First Revision		-	Identical under dual numbering
132	IS 5914 (Part 3/Sec 2) : 2017 ISO 26082-2 : 2012 Reviewed In : 2023 ISO 26082-2 : 2012	Methods of Physical Testing of Leather Part 3 Determination of Soiling Section 2 Tumbling Method	March, 2023	-	Identical under dual numbering
133	IS 5914 (Part 4) : 2023 ISO 2420 : 2017 ISO 2420 : 2017	Methods of Physical Testing of Leather Part 4 Determination of apparent density and mass per unit area		-	Identical under dual numbering
134	IS 5914 (Part 5/Sec 1) : 2023 ISO 3377-1:2011 ISO 3377-1:2011	Methods of Physical Testing of Leather Part 5 Determination of tear load Section 1 Single edge tear		-	Identical under dual numbering
135	IS 5914 (Part 5/Sec 2) : 2023 ISO 3377-2:2016 ISO 3377-2:2016	Methods of Physical Testing of Leather Part 5 Determination of tear load Section 2 Double edge tear		-	Identical under dual numbering
136	IS 5914 (Part 6/Sec 1) : 2023 ISO 5402-1 : 2022 ISO 5402-1 : 2022	Methods of Physical Testing of Leather Part 6 Determination of flex resistance Section 1 Flexometer method		-	Identical under dual numbering
137	IS 5914 (Part 6/Sec 2) : 2023 ISO 5402-2:2015 ISO 5402-2:2015	Methods of Physical Testing of Leather Part 6 Determination of flex resistance Section 2 Vamp flex method		-	Identical under dual numbering
138	IS 5914 (Part 7) : 2023 ISO 3378 : 2002 ISO 3378 : 2002	Methods of Physical Testing of Leather Part 7 Determination of resistance to grain cracking and grain crack index		-	Identical under dual numbering
139	IS 5914 (Part 8) : 2023 ISO 3376: 2020 ISO 3376: 2020	METHODS OF PHYSICAL TESTING OF LEATHER PART 8 DETERMINATION OF TENSILE STRENGTH AND PERCENTAGE ELONGATION		-	Identical under dual numbering
140	IS 5914 (Part 9) : 2024 ISO 17232 : 2017 ISO 17232 : 2017	METHODS OF PHYSICAL TESTING OF LEATHER PART 9 DETERMINATION OF HEAT RESISTANCE OF PATENT LEATHER		-	Identical under dual numbering
141	IS 6153 : 1971 Reviewed In : 2019	Specification for protective leather clothing	August, 2019	1	Indigenous
142	IS 6191 : 1971 Reviewed In : 2019	Micro - Biological colour fastness and microscopical tests for leather	August, 2019	1	Indigenous
143	IS 6191 (Part 1) :	Methods of Micro-Biological,	March, 2023	-	

	2018 ISO 15700 : 1998 Reviewed In : 2023	Colour Fastness and Microscopical Tests for Leather Part 1 Colour Fastness to Water Spotting			
144	IS 6191 (Part 2) : 2017 ISO 11642 : 2012 Reviewed In : 2023 ISO 11642 : 2012	Methods of Micro-Biological, Colour Fastness and Microscopical Tests for Leather Part 2 Colour Fastness to Water	March, 2023	-	Identical under dual numbering
145	IS 6191 (Part 3) : 2018 ISO 15702 : 1998 Reviewed In : 2023 ISO 15702 : 1998	Methods of Micro-Biological, Colour Fastness and Microscopical Test for Leather Part 3 Colour Fastness to Machine Washing (First Revision)	March, 2023	-	Identical under dual numbering
146	IS 6191 (Part 4) : 2024 ISO 11640 : 2018 ISO 11640 : 2018	Methods of Micro-Biological, Colour Fastness and Microscopical Tests for Leather Part 4 Colour Fastness to Cycles of to-and-fro Rubbing (First Revision)		-	Identical under dual numbering
147	IS 6191 (Part 5) : 2024 ISO 11644 : 2022 ISO 11644 : 2022	Methods of Micro-Biological, Colour Fastness and Microscopical Tests for Leather Part 5 Test for Adhesion of Finish (First Revision)		-	Identical under dual numbering
148	IS 6191 (Part 6) : 2023 ISO 11641:2012 ISO 11641:2012	Methods of Micro-Biological Colour Fastness and Microscopical Tests for Leather Part 6 Colour Fastness to Perspiration		-	Identical under dual numbering
149	IS 6199 : 2013 Reviewed In : 2019	Wattle extract - Specification (First Revision)	August, 2019	-	Indigenous
150	IS 622 : 2024	RUSSET-LEATHER SPECIFICATION		-	Indigenous
151	IS 6301 : 2013 Reviewed In : 2019	Basic chromium sulphate (For Tanning) - Specification (First Revision)	August, 2019	-	Indigenous
152	IS 6351 : 2023	Unhairing and Scudding knife for leather industry - Specification		-	Indigenous
153	IS 6357 : 2013 Reviewed In : 2019	Sulphated oil for leather fatliquoring - Specification (First Revision)	August, 2019	-	Indigenous
154	IS 6369 : 2023	Fleshing knife for leather industry Specification		-	Indigenous
155	IS 6657 : 2013 Reviewed In : 2019	Sal bark - Specification (First Revision)	August, 2019	-	Indigenous
156	IS 6658 : 2013 Reviewed In : 2019	Cashew testa - Specification (First Revision)	August, 2019	-	Indigenous
157	IS/ISO 7482-1 : 1998 ISO 7482-1: 1998 Reviewed In : 2022 ISO 7482-1 : 1998	Raw goat skins: Part 1 descriptions of defects	October, 2022	-	Identical under single numbering
158	IS/ISO 7482-3 : 2005 ISO 7482-3: 2005 Reviewed In : 2022 ISO 7482-3 : 2005	Raw goat skins: Part 3 guidelines for grading on the basis of defects	October, 2022	-	Identical under single numbering
159	IS 7656 : 2024 ISO 22244:2020 ISO 22284:2020	Curing and Preservation i;½ Code of Practice Part 1: For For Raw Hides (First Revision)		-	Identical under dual numbering
160	IS 7656 (Part 1) : 2024	Curing and Preservation i;½ Code of Practice Part 1: For For Raw		-	Identical under dual numbering

	ISO 22244:2020 ISO 22284:2020	Hides (First Revision)			
161	IS 7656 (Part 2) : 2024 ISO 22284:2020 ISO 22284:2020	Curing and Preservation i;½ Code of Practice Part 2: For Goat and Sheep Skins (First Revision)		-	Identical under dual numbering
162	IS 7721 : 1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for chrome tanned leather laces for heavy duty footwear (First Revision)	August, 2019	-	Indigenous
163	IS 7742 : 2013 Reviewed In : 2019	Synthetic emulsion resin binders - Specification (First Revision)	August, 2019	-	Indigenous
164	IS 7954 : 2023	SUITCASES SPECIFICATION		-	Indigenous
165	IS B8087 : 1976 Reviewed In : 2019	Error	August, 2019	-	Indigenous
166	IS 8155 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for portfolios	August, 2019	-	Indigenous
167	IS 8170 : 1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Guidelines for identification of finis - Hed leather for export (Third Revision)	August, 2019	-	Indigenous
168	IS 8517 : 1977 Reviewed In : 2024	Specification for Bag , Air Travel	August, 2024	-	Indigenous
169	IS 8518 : 1977 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for suitcase, air travel	August, 2019	-	Indigenous
170	IS 8601 : 2013 Reviewed In : 2019	Myrobalan nuts (Whole And Crushed) for tanning industry - Specification (First Revision)	August, 2019	-	Indigenous
171	IS 8863 (Part 1) : 1978 Reviewed In : 2023	Leather sealing cups: Part 1 `U' cups	March, 2023	-	Indigenous
172	IS 9004 : 2013 Reviewed In : 2019	Tamarind seed testa - Specification (First Revision)	August, 2019	-	Indigenous
173	IS 9155 : 1979 Reviewed In : 2024	SPECIFICATION FOR LEATHER FOR GAS METER DIAPHRAGMS	July, 2024	1	Indigenous
174	IS 9159 : 2023	GUIDELINES FOR GRADING OF RAW HIDES AND SKINS First Revision		-	Indigenous
175	IS 9160 : 2023	TRIMMING OF INDIAN CATTLE HIDES - GUIDELINES (First Revision)		-	Indigenous
176	IS 9161 : 2023	Guidelines for selection of finished zugrain leather for boot and shoe uppers		-	Indigenous
177	IS 9426 : 2023	Guidelines for procurement of hides and skins		-	Indigenous
178	IS 9662 (Part 1) : 2023	Code of practice for construction and assembly of leather sealing cups Part I U cups First Revision		-	Indigenous

179	IS 9663 : 2023	Flaying of Hides and Skins i ₁ / ₂ Code of Practice (First Revision)	-	Indigenous
180	IS 9664 : 2023	Diameters of Sealing Areas for Use of Leather Cups i ₁ / ₂ Specification (First Revision)	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	CHD 17 (24720) Revision of: IS 8517:1977	Air Travel Bags for Air Hostesses and Stewards Specification
2	CHD 17 (24763) Revision of: IS 5867:1970	LEATHER BOARD FOR FOOTWEAR INSOLE SPECIFICATION
3	CHD 17 (24765) Revision of: IS 2960:1964	BOOKBINDING LEATHER SPECIFICATION
4	CHD 17 (26942) Revision of: IS 581:1976	Vegetable tanned hydraulic Leather specification
5	CHD 17 (26963) Revision of: IS 3020:1976	Leather for Oil Seals Specification
6	CHD 17 (26993) Revision of: IS 580:1973	Harness Leather Specification
7	CHD 17 (26996) Revision of: IS 4054:1966	Neatsfoot Oil Specification

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	CHD 17 (23456) Revision of: IS 4054:1966	Leather For Gas Meter Diaphragms Specification
2	CHD 17 (24806) Revision of: IS 4054:1966	Hides Skins and Leather Vocabulary Second Revision
3	CHD 17 (26059) Revision of: IS 4054:1966	MEASUREMENT OF AREA OF LEATHER GUIDELINE FIRST REVISION
4	CHD 17 (26060) Revision of: IS 4054:1966	Leather - Method of Sampling Part 1 Number of items for a gross sample second revision
5	CHD 17 (26061) Revision of: IS 4054:1966	Leather - method of sampling Part 2 position and preparation of specimens for testing for chemical physical mechanical and fastness tests second revision
6	CHD 17 (26062) Revision of: IS 4054:1966	Leather Method of Sampling Part 3 Sampling preparation and conditioning for physical and mechanical test second revision
7	CHD 17 (26104)	Methods of physical testing of leather Part 10 Determination of surface coating thickness
8	CHD 17 (26105)	Methods of Physical Testing of Leather Part 11 Determination of Thickness
9	CHD 17 (26106)	Methods of Physical Testing of Leather Part 12 Determination of Water Vapour Permeability
10	CHD 17 (26107)	Methods of Physical Testing of Leather Part 13 Determination of Softness
11	CHD 17 (26117) Revision of: IS 4054:1966	Leather Determination of distension and strength of surface Ball burst method
12	CHD 17 (26197) Revision	Suede lining leather - Specification

	of: IS 4054:1966	
13	CHD 17 (26198)	Methods of Micro-Biological Colour Fastness and Microscopical Tests for Leather Part 7 Colour Fastness to Migration into Polymeric Material
14	CHD 17 (26199)	Methods of Micro-Biological Colour Fastness and Microscopical Tests for Leather Part 8 Change in Colour With Accelerated Ageing
15	CHD 17 (26208) Revision of: IS 4054:1966	Shoe Upper Leather for Direct Moulding Processes Specification

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CHD 17 (24674)	Methods of Chemical Testing of Leather Part 15 Determination of Ethoxylated Alkylphenols APEO Section 2 Indirect Method
2	CHD 17 (24719) Revision of: IS 12718:1989	Leather for Garments Performance Requirements First Revision
3	CHD 17 (24721) Revision of: IS 16650:2018	LEATHER CHEMICAL TESTS DETERMINATION OF THE FREE FORMALDEHYDE IN PROCESS AUXILIARIES First Revision

Total Published Standards:168 Total Standards Under development:25

Aspect Wise Report

Product : 89
Code of Practices : 16
Methods of Test : 63
Terminology : 2
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1016 : 1956	Methods of sampling and test for oil tanned leather
2	IS 16254 : 2014 ISO 17232 : 2006 Reviewed In : 2019 ISO 17232 : 2006	Leather - Physical and mechanical tests - Determination of heat resistance of patent leather
3	IS 16255 : 2014 ISO 22288 : 2006 Reviewed In : 2019 ISO 22288 : 2006	Leather - Physical and mechanical tests - Determination of flex resistance by the vamp flex method
4	IS 16258 : 2015 ISO 4045 : 2008	Leather - Chemical tests - Determination of pH
5	IS 16296 (Part 1) : 2014 ISO 5398-1 : 2007 Reviewed In : 2019	Leather - Chemical determination of chromic oxide content Part 1 quantification by titration
		Eather - Chemical determination of chromic oxide content Part 3 quantification by atomic

6	IS 16296 (Part 3) : 2014 ISO 5398-3 : 2007 Reviewed In : 2019 ISO 5398-3 : 2007	absorption spectrometry
7	IS 16296 (Part 4) : 2015 ISO 5398-4 : 2007	Leather - Chemical determination of chromic oxide content Part 4 quantification by inductively coupled plasma - Optical emission spectrometer ICP - OES
8	IS 1636 : 1960	Chrome waxed sole leather
9	IS 2276 : 1962	Vegetable and aluminium tanned snakeskins
10	IS 2545 : 1963	Vegetable Tanned Lizardskins
11	IS 2574 : 1963	Leather gauntlets for workers in iron and steel industry
12	IS 2575 : 1963	Leather Mittens For Workers In Iron And Steel Industry
13	IS 3297 : 1965	Water-resistant Vegetable Tanned Sole Leather
14	IS 8121 : 1987 Reviewed In : 2019	Specification for chromed buff calf skin in wet - Blue condition First Revision
15	IS 9023 : 1978	Handbag lady s

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 1015 : 2000 Reviewed In : 2019 Reaffirmed but not taken up for revision	Leather pump buckets and seat valves made from vegetable tanned leather - Specification Second Revision
2	IS 1017 : 1983 Reviewed In : 2019	Specification for chamois leather Second Revision
3	IS 10286 : 2013 Reviewed In : 2019	BLEACHING SYNTANS SPECIFICATION
4	IS 10845 : 1984 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for bag pilot
5	IS 11230 : 2023	LEATHER FOR UTILITY GLOVES SPECIFICATION First Revision
6	IS 11749 : 1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for manually operated toggle clips for leather industry
7	IS 11944 : 1987 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for wallet leather
8	IS 11987 : 2013 Reviewed In : 2019	Wax - Emulsion for leather finishing - Specification First Revision
9	IS 12623 : 2022 IEEE 1523:2018	Leather Bovine Wet Blue - Specification First Revision
10	IS 12718 : 1989 Reviewed In : 2019	Leather for garments - Performance requirements
11	IS 1273 : 2024	Leather Pump Buckets Made from Chrome Tanned Leather Specification Second Revision
12	IS 13022 : 1991 Reviewed In : 2019	Enzyme bates Alkaline - specification

	Reaffirmed but not taken up for revision	
13	IS 13023 : 1991 Reviewed In : 2019 Reaffirmed but not taken up for revision	Enzyme bates Acidic - Specification
14	IS 13024 : 2013 Reviewed In : 2019	Syntans for prevention of sludge formation in vegetable tan liquor - Specification First Revision
15	IS 13307 : 1992 Reviewed In : 2019	Resin finished shoe uppers from goat and sheep skins - Specification
16	IS 13527 : 2013 Reviewed In : 2019	Replacement syntans - Specification First Revision
17	IS 13528 : 2013 Reviewed In : 2019	Pretanning syntans - Specification First Revision
18	IS 13606 : 2013 Reviewed In : 2019	Synthetic sulphochlorinated fatliquors for leather processing - Specification First Revision
19	IS 13625 : 2013 Reviewed In : 2019	Retanning syntans including acrylic and related syntans - Specification First Revision
20	IS 14360 : 2012 Reviewed In : 2022	Semichrome suede upper leather - Specification First Revision
21	IS 14361 : 2011 Reviewed In : 2022	Patent leather - Specification First Revision
22	IS 14488 : 2013 Reviewed In : 2019	Sulphited fatliquors for leather - Specification First Revision
23	IS 14583 : 1998 Reviewed In : 2020	Suede lining leather - Specification
24	IS 14898 : 2001 Reviewed In : 2020	Eco criteria for finished leather - Specification
25	IS 15776 : 2008 Reviewed In : 2019	Polyurethane Pu coated leather - Specification
26	IS 15779 : 2007 Reviewed In : 2022	Metal complex syntans - Specification
27	IS 1637 : 2023	CYCLE SADDLE LEATHER - SPECIFICATION Second Revision
28	IS 1639 : 1960 Reviewed In : 2019	Specification for east india tanned kips and skins
29	IS 2573 : 2023	LEATHER GAUNTLETS AND MITTENS SPECIFICATION
30	IS 2716 : 2013 Reviewed In : 2019	Myrobalan extract - Specification Second Revision
31	IS 2954 : 1978 Reviewed In : 2022	Specification for vegetable tanned leather for belting First Revision
32	IS 2960 : 1964 Reviewed In : 2022	Specification for bookbinding leather
33	IS 2961 : 1973 Reviewed In : 2019	Specification for chrome retan finished upper leather First Revision
34	IS 3020 : 1976 Reviewed In : 2019	Spcification for leather for oil seals First Revision
35	IS 3031 : 2023	LEATHER CASH BAGS SPECIFICATION
36	IS 3840 : 2011 Reviewed In : 2022	Lining leather - Specification Third Revision
37	IS 3946 : 2024	Leather for Leg Guard Specification First Revision
38	IS 3967 : 2013 Reviewed In : 2019	Cutch - Specification Second Revision
39	IS 3968 : 2013 Reviewed In : 2019	Wattle bark - Specification First Revision
40	IS 3969 : 2013	Goran bark - Specification Second Revision

	Reviewed In : 2019	
41	IS 3982 : 1997 Reviewed In : 2019	Sheepskin leather for orthopaedic linings - Specification First Revision
42	IS 3983 : 2024	GOATSKIN PARCHMENT FOR ORTHOPAEDIC PURPOSES SPECIFICATION
43	IS 3985 : 1983 Reviewed In : 2022	Specification for leather for rugby ball First Revision
44	IS 3999 : 2015 Reviewed In : 2020	Casein based aqueous pigments and finishes - Specification First Revision
45	IS 4054 : 1966 Reviewed In : 2020	Specification for neatsfoot oil
46	IS 4056 : 1966 Reviewed In : 2020	Specification for fish oil for leather industry
47	IS 4102 : 1983 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for leather for shuttlecock caps First Revision
48	IS 4191 : 1967 Reviewed In : 2019	Specification for leather for volleyball
49	IS 4207 : 1967 Reviewed In : 2019	Specification for leather for football
50	IS 4553 : 1983 Reviewed In : 2022	Specification for leather for cricket ball First Revision
51	IS 5024 : 2024	Buffalo-Butt Leather for Knee Bushings Specification First Revision
52	IS 5034 : 2024 ISO 5431 : 2022	Leather Wet Blue Goat Skin Specification Third Revision
53	IS 5127 : 2013 Reviewed In : 2019	Babul bark - Specification First Revision
54	IS 5128 : 2013 Reviewed In : 2019	Avaram bark - Specification First Revision
55	IS/ISO 5432 : 2024 ISO 5432 : 2022	Leather Wet Blue Sheep Skins Specification Second Revision
56	IS 5465 : 2013 Reviewed In : 2019	Sonali bark - Specification First Revision
57	IS 5570 : 1987 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for pickled goat skins First Revision
58	IS 5597 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for leather for boxing gloves
59	IS 5609 : 1983 Reviewed In : 2022	Specification for leather for hockey ball First Revision
60	IS 5677 : 1986 Reviewed In : 2019	Specification for shoe upper leather for direct moulding processes First Revision
61	IS 5712 : 2023	Slickers for Leather Industry - Specification
62	IS 575 : 2024	Chrome Belt Lace Leather Specification First Revision
63	IS 576 : 1989 Reviewed In : 2022	Leather - glazed kid for shoe uppers - specification Second Revision
64	IS 577 : 1986 Reviewed In : 2019	Specification for upholstery leather First Revision
65	IS 579 : 2017	Vegetable tanned sole leather - Specification Fourth Revision

	Reviewed In : 2022	
66	IS 580 : 1973 Reviewed In : 2019	Specification for harness leather Second Revision
67	IS 581 : 1976 Reviewed In : 2019	Specification for vegetable tanned hydraulic leather Second Revision
68	IS 5866 : 1979 Reviewed In : 2019	Specification for chrome leather for high altitude gloves First Revision
69	IS 5867 : 1970 Reviewed In : 2024	Specification for leatherboards or insole
70	IS 6153 : 1971 Reviewed In : 2019	Specification for protective leather clothing
71	IS 6199 : 2013 Reviewed In : 2019	Wattle extract - Specification First Revision
72	IS 622 : 2024	RUSSET-LEATHER SPECIFICATION
73	IS 6301 : 2013 Reviewed In : 2019	Basic chromium sulphate For Tanning - Specification First Revision
74	IS 6351 : 2023	Unhairing and Scudding knife for leather industry - Specification
75	IS 6357 : 2013 Reviewed In : 2019	Sulphated oil for leather fatliquoring - Specification First Revision
76	IS 6369 : 2023	Fleshing knife for leather industry Specification
77	IS 6657 : 2013 Reviewed In : 2019	Sal bark - Specification First Revision
78	IS 6658 : 2013 Reviewed In : 2019	Cashew testa - Specification First Revision
79	IS 7721 : 1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for chrome tanned leather laces for heavy duty footwear First Revision
80	IS 7742 : 2013 Reviewed In : 2019	Synthetic emulsion resin binders - Specification First Revision
81	IS 7954 : 2023	SUITCASES SPECIFICATION
82	IS B8087 : 1976 Reviewed In : 2019	Eror
83	IS 8155 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for portfolios
84	IS 8517 : 1977 Reviewed In : 2024	Specification for Bag Air Travel
85	IS 8518 : 1977 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for suitcase air travel
86	IS 8601 : 2013 Reviewed In : 2019	Myrobalan nuts Whole And Crushed for tanning industry - Specification First Revision
87	IS 8863 (Part 1) : 1978 Reviewed In : 2023	Leather sealing cups Part 1 U cups
88	IS 9004 : 2013 Reviewed In : 2019	Tamarind seed testa - Specification First Revision
89	IS 9155 : 1979 Reviewed In : 2024	SPECIFICATION FOR LEATHER FOR GAS METER DIAPHRAGMS